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AUTOMATIC COUNTERS

1979

Prepared by the

State of Montana Department of Highways

Planning and Research Bureau

In cooperation with

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

BUREAU OF PUBLIC ROADS

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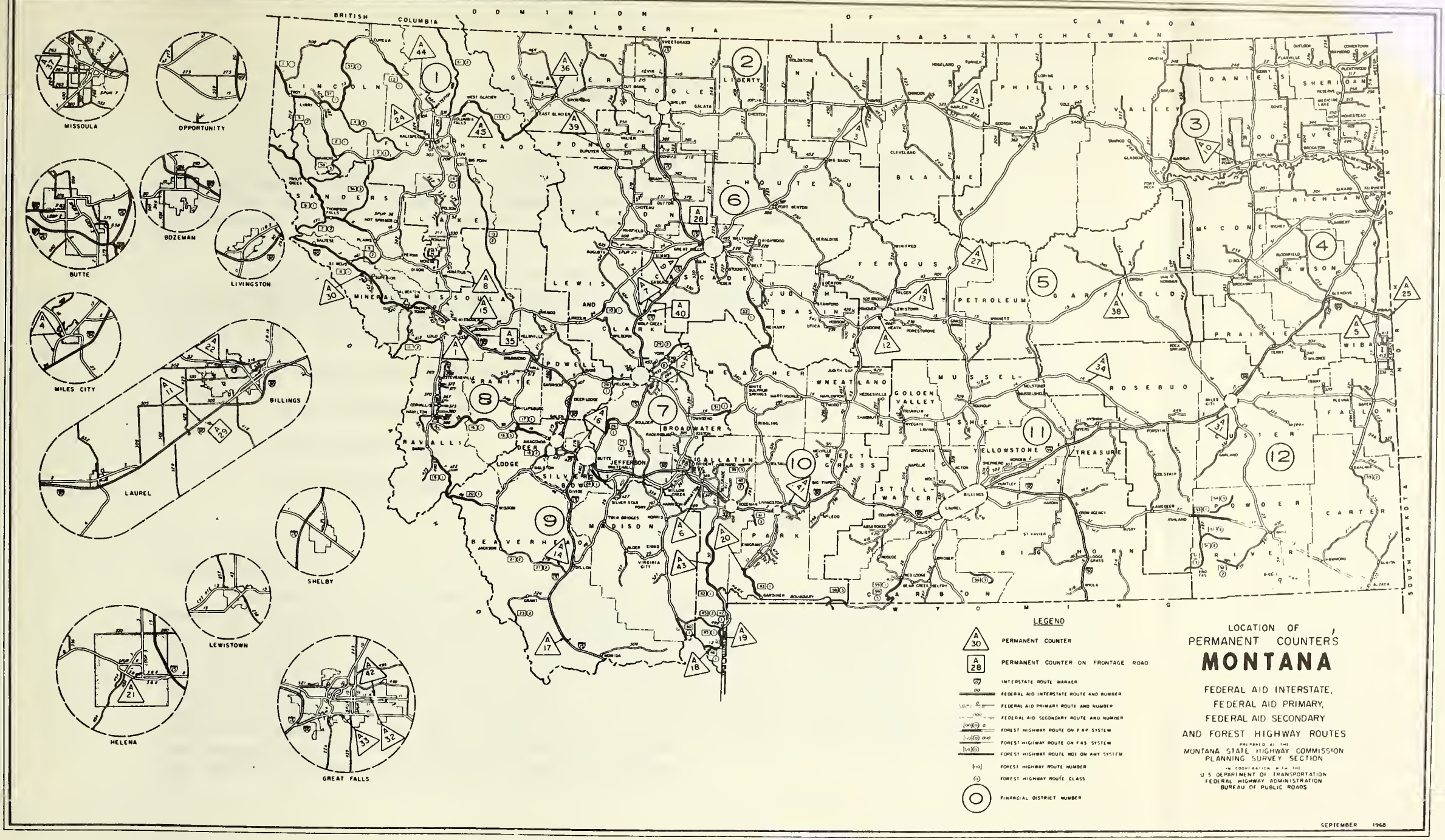
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PERMANENT COUNTER
PERMANENT COUNTER ON FRONTAGE ROAD
INTERSTATE ROUTE MARKER
FEDERAL AID INTERSTATE ROUTE AND NUMBER
FEDERAL AID PRIMARY ROUTE AND NUMBER
FEDERAL AID SECONDARY ROUTE AND NUMBER
FOREST HIGHWAY ROUTE ON FAP SYSTEM
FOREST HIGHWAY ROUTE ON FAS SYSTEM
FOREST HIGHWAY ROUTE NOT ON ANY SYSTEM
FOREST HIGHWAY ROUTE NUMBER
FOREST HIGHWAY ROUTE CLASS
FINANCIAL DISTRICT NUMBER
LOCATION OF PERMANENT COUNTERS
MONTANA
FEDERAL AID INTERSTATE,
FEDERAL AID PRIMARY,
FEDERAL AID SECONDARY
AND FOREST HIGHWAY ROUTES
PREPARED BY THE
MONTANA STATE HIGHWAY COMMISSION
PLANNING SURVEY SECTION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS
SEPTEMBER 1968

INTRODUCTION

This report contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the year 1979. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. A total of 42 automatic traffic counters were in operation during 1979.

At each recorder the highest, the 10th, the 20th, the 30th, and the 40th and the 50th highest hours that occured during each year are shown as a computed percentage figure of the average daily traffic. These are compared to the previous eight years and 1941 and 1961 as to stability and accuracy.

The 42 counters are distributed to the Highway System as follows:

10 on Interstate Rural	4 on Secondary System
18 on Primary Rural	3 on FAU System
2 on Primary Urban	3 on Interstate Frontage Roads
	2 on Recreational Roads

30TH. MAXIMUM HOUR

The American Association of Highway Officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th. highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume, or the 30th. maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways." It is also now used in the design of Primary and Secondary Highways in Montana.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-1
LOCATION I-90 - 10.0 Miles East of Missoula

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 35.4 % Foreign Pass Cars 18.3 % Pickups 19.6 % Commercial 26.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3022	3045	3445	3470	3452	3814	3278	3357	3429	97.90	65.55
February	3584	3926	3816	3745	3673	4550	3760	3865	3942	98.05	75.47
March	4834	4179	4201	4410	4550	5242	4644	4602	4551	101.12	89.86
April	4979	4631	4512	4654	4919	5812	4936	4913	4892	100.43	95.93
May	5307	5298	5087	5327	5497	6416	5448	5466	5496	99.45	106.72
June	6047	5968	5898	6146	6218	7152	6287	6277	6318	99.35	122.56
July	6777	6564	6613	6270	6751	7503	6695	6731	6727	100.05	131.43
August	7073	6912	6735	6699	6893	7837	6981	7030	7032	99.97	137.27
September	6217	6106	5876	5794	5737	6736	6367	6130	6050	101.32	119.69
October	5163	4747	4689	4674	5031	6016	5255	5045	4989	101.12	98.51
November	4864	4064	3879	4519	4021	4845	4524	4405	4300	102.44	86.01
December	3336	3025	3129	3732	3766	4350	4200	3636	3573	101.76	71.00
Daily average for year	5100	4872	4823	4953	5042	5856	5197	5121	5108	100.25	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-1

Route I-90 East of Missoula

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1251	290	23.2	216	17.3	196	15.7	195	15.6				
1961	2238	390	17.4	290	12.9	283	12.6	279	12.5	267	11.9	164	11.7
1971	3596	540	15.0	487	13.5	470	13.1	460	12.8	456	12.7	454	12.6
1972	3983	609	15.3	555	13.9	536	13.4	521	13.1	514	12.9	509	12.8
1973	4241	621	14.6	555	13.9	543	12.8	537	12.6	531	12.5	525	12.4
1974	4336	615	14.2	581	13.4	564	13.0	557	12.8	551	12.7	541	12.5
1975	4234	616	14.5	580	13.7	562	13.3	555	13.1	550	13.0	545	12.9
1976	4757	696	14.6	621	13.1	608	12.8	598	12.6	590	12.4	582	12.2
1977	5271	748	14.2	693	13.1	681	12.9	673	12.8	668	12.7	660	12.5
1978	5410	774	14.3	692	12.8	671	12.4	658	12.2	650	12.0	644	11.9
1979	5121	684	13.4	615	12.0	586	11.4	578	11.3	568	11.1	563	11.0
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-2
LOCATION US 12 - 6.0 Miles East of East Helena

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 46.4 % Foreign Pass Cars 8.3 % Pickups 32.1 % Commercial 13.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1735	1602	1752	1705	1722	2132	1968	1791	1770	101.19	65.55
February	2445	2364	1875	1478	1637	2501	2205	2072	1971	105.12	75.83
March	2961	2210	2006	2144	2294	2941	2785	2496	2346	106.39	91.35
April	3142	2426	2112	2246	2526	3358	3015	2696	2528	106.65	98.66
May	3567	2990	2483	2549	2774	3635	3448	3019	2849	105.97	110.49
June	3844	3103	2895	2919	3174	3851	3745	3391	3220	105.31	124.10
July	3977	3239	3136	3251	3287	3989	3678	3502	3363	104.13	128.16
August	3939	3208	2998	3119	3176	3988	3742	3450	3315	104.07	126.26
September	3486	3143	2700	2711	2700	3505	3493	3131	2952	106.06	114.58
October	3174	2576	2293	2340	2625	3515	3053	2758	2635	104.67	100.93
November	2789	2283	2222	2375	2202	2878	2545	2475	2405	102.91	90.57
December	1801	1820	1804	2110	2094	2481	2042	2009	2050	98.00	73.52
Daily average for year	3072	2580	2356	2412	2518	3231	2977	2733	2617	104.43	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-2

Route U. S. 12 East of East Helena

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1820	276	15.2	258	14.2	251	13.8	246	13.5	242	13.3	238	13.1
1971	2651	463	17.5	414	15.6	399	15.1	385	14.5	375	14.1	369	13.9
1972	2900	513	17.7	452	15.6	425	14.7	412	14.2	402	13.9	395	13.6
1973	3046	519	17.0	474	15.6	443	14.5	422	13.9	410	13.5	405	13.3
1974	2997	507	16.9	445	14.8	425	14.2	414	13.8	406	13.5	398	13.3
1975	2974	531	17.9	473	15.9	455	15.3	444	14.9	433	14.6	422	14.2
1976	3357	519	15.5	475	14.2	448	13.3	440	13.1	426	12.7	417	12.4
1977	3614	610	16.9	515	14.3	490	13.6	473	13.1	464	11.8	457	12.6
1978			NEW ALIGNMENT										
1979	2733	442	16.2	411	15.0	379	13.9	365	13.4	358	13.1	350	12.8
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-3 YEAR 1979

LOCATION US 2 & 87 - 1.3 Miles West of Havre

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 44.7 % Foreign Pass Cars 3.9 % Pickups 40.2 % Commercial 11.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3240	3218	4340	4459	4280	4727	4180	4077	4204	96.98	78.58
February	3729	4362	4152	4451	4747	5222	4434	4442	4587	96.84	85.61
* March	4286	5385	4885	5299	5456	6292	5279	5286	5469	96.65	101.88
April	4255	5538	5273	5373	5592	6355	5427	5368	5622	95.48	103.46
May	4218	5127	5821	5814	5984	6375	5144	5534	5830	94.92	106.66
June	4182	5524	5479	5806	5851	6303	5116	5482	5817	94.24	105.66
July	4218	5975	5970	5589	5812	6181	4875	5504	5911	93.11	106.08
August	4674	5846	5837	5940	5930	6549	5448	5784	6036	95.83	111.48
September	3817	4979	5530	5580	5554	6074	4943	5155	5543	93.00	99.36
October	3925	5592	5707	5648	5820	6325	5026	5455	5796	94.12	105.14
November	3862	5577	5669	5903	5385	6264	4890	5385	5752	93.62	103.79
December	3479	4601	4407	5147	5447	5901	4791	4789	5101	93.88	92.30
Daily average for year	4240	5497	5256	5417	5488	6047	4963	5188	5472	94.81	

* Average Day Traffic is for only 19 days. Average Weekday is for only 14 days. Machine repaired March 12th.

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-3

Route U. S. 2 - West of Havre

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	863	167	19.4	134	15.5	124	14.3	118	13.7				
1961	2248	340	15.1	255	11.3	238	10.6	230	10.2	227	10.1	224	10.0
1971	3177	700	22.0	355	11.2	340	10.7	332	10.5	330	10.4	325	10.2
1972	3456	426	12.3	389	11.3	365	10.6	359	10.4	354	10.2	350	10.1
1973	3854	528	13.7	426	11.1	407	10.6	393	10.2	388	10.1	380	9.9
1974	3610	428	11.9	386	10.7	373	10.3	364	10.1	358	9.9	350	9.7
1975	3667	750	20.5	418	11.4	399	10.9	392	10.7	384	10.5	380	10.4
1976	3842	494	12.9	438	11.4	425	11.1	414	10.8	408	10.6	403	10.5
1977	4315	554	12.8	492	11.4	471	10.9	457	10.6	452	10.5	446	10.3
1978	5066	599	11.8	540	10.7	528	10.4	520	10.3	513	10.1	507	10.0
1979	5188	610	11.8	557	10.7	535	10.3	524	10.1	514	9.9	510	9.8
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-4
LOCATION US 10 & 12 - 1.5 Miles West of Miles City.

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cors 38.9 % Foreign Pass Cors 7.3 % Pickups 33.7 % Commercial 20.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	497	650	761	721	654	718	594	665	702	94.73	51.44
February	909	1064	1052	1044	980	1220	1105	1053	1072	98.23	81.46
March	1107	1251	1335	1268	1236	1453	1305	1284	1312	97.87	99.33
April	1183	1458	1445	1352	1313	1651	1373	1391	1444	96.33	107.61
May	1498	1462	1521	1434	1469	1822	1691	1549	1533	101.04	119.83
June	1346	1672	1686	1632	1656	1824	1438	1611	1703	94.60	124.63
July	1250	1519	1549	1428	1518	1665	1450	1479	1536	96.29	114.42
August	1306	1522	1520	1501	1534	1707	1384	1505	1560	96.47	116.43
September	1036	1326	1404	1270	1346	1505	1315	1305	1370	95.26	100.95
October	966	1327	1337	1304	1355	1509	1186	1287	1361	94.56	99.56
November	978	1271	1333	1376	1232	1404	1166	1256	1323	94.94	97.16
December	857	1097	1136	1208	1214	1301	1147	1127	1186	95.03	87.18
Daily average for yeor	1078	1302	1340	1295	1292	1482	1263	1293	1342	96.35	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-4

Route U.S. 10 & 12 West of Miles City

Traffic Type Primary - Approach

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1520	232	15.3	207	13.6	191	12.6	187	12.3				
1961	1771	328	18.5	215	12.1	201	11.3	193	10.9	190	10.7	187	10.6
1971	1120	188	16.8	148	13.2	131	11.7	127	11.3	122	10.9	119	10.6
1972	1226	203	16.6	158	12.9	141	11.5	136	11.1	132	10.8	130	10.6
1973	1175	194	16.5	144	12.3	134	11.4	127	10.8	122	10.4	121	10.3
1974	1127	192	17.0	135	12.0	130	11.5	123	10.9	120	10.6	117	10.4
1975	1094	201	18.4	125	11.4	120	11.0	116	10.6	112	10.2	110	10.1
1976	1060	192	18.1	133	12.6	115	10.9	110	10.4	107	10.1	105	9.9
1977	1077	196	18.2	136	12.6	130	12.1	127	11.8	124	11.5	122	11.3
1978	1170	218	18.6	157	13.4	148	12.6	142	12.1	138	11.8	133	11.4
1979	1293	251	19.4	163	12.6	148	11.4	144	11.1	141	10.9	139	10.8
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-5 YEAR 1979

LOCATION Montana 7 - 1.0 Mile South of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 33.8 % Foreign Pass Cars 4.3 % Pickups 36.8 % Commercial 25.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	376	377	421	417	441	470	438	418	422	99.05	64.24
February	389	445	421	383	379	404	398	403	406	99.26	61.94
March	484	495	548	535	503	541	514	517	524	98.66	79.46
April	549	590	561	574	468	595	615	565	559	101.07	86.83
May	710	687	697	744	721	765	696	718	723	99.31	110.35
June	1101	770	756	758	763	818	934	845	775	109.03	129.87
July	838	739	727	924	741	734	677	768	769	99.87	118.03
August	1211	701	735	692	804	864	1049	857	763	112.32	131.71
September	729	634	650	686	662	758	749	698	678	102.95	107.28
October	649	622	646	623	631	714	821	668	645	103.57	102.66
November	547	815	804	810	786	829	603	746	809	92.21	114.65
December	652	554	514	522	567	610	777	605	553	109.40	92.98
Daily average for year	686	619	623	639	622	675	689	651	636	102.35	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-5

Route Montana 7 - South of Wibaux

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8	37	16.9	34	15.5	33	15.1				
1961	541	102	18.8	74	13.7	68	12.6	65	12.0	63	11.6	62	11.5
1971	577	258	44.7	173	30.0	145	25.1	112	19.4	99	17.2	88	15.3
1972	581	254	43.7	164	28.2	135	23.2	114	19.6	94	16.2	82	14.1
1973	577	195	33.8	157	27.2	118	20.5	101	17.5	95	16.5	87	15.1
1974	573	256	44.7	160	17.9	135	23.6	103	18.0	96	16.8	89	15.5
1975	565	273	48.3	154	27.3	125	22.1	110	19.5	99	17.5	91	16.1
1976	655	262	40.0	173	26.4	142	21.7	113	17.3	104	15.9	96	14.7
1977	655	191	29.2	136	20.8	120	18.3	109	16.6	102	15.6	94	14.4
1978	691	247	35.7	151	21.9	134	19.4	121	17.5	112	16.2	103	14.9
1979	651	256	39.3	169	26.0	145	22.3	132	20.3	120	18.4	112	17.2
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-6
LOCATION FAS 288 - 0.5 Mile South of Manhattan

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	255	368	408	363	413	409	380	372	391	95.14	69.02
February	318	441	410	362	407	478	389	400	419	95.47	74.21
March	360	509	547	540	515	513	472	494	524	94.27	91.65
April	454	646	599	575	646	630	650	597	620	96.29	110.76
May	506	598	580	616	653	661	647	609	621	98.07	112.99
June	470	591	565	603	619	621	609	585	601	97.34	108.54
July	458	628	609	555	577	572	553	565	591	95.60	104.82
August	476	598	593	588	591	625	547	577	599	96.33	107.05
September	456	615	636	605	704	704	591	610	653	93.42	113.17
October	443	618	607	626	679	678	601	608	638	95.30	112.80
November	442	519	546	507	537	574	538	525	538	97.58	97.40
December	404	545	521	509	616	576	536	526	553	95.12	97.59
Daily average for year	420	556	552	537	580	587	543	539	562	95.91	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-6

Route FAS 288 - South of Manhattan

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3	45	13.7	43	13.1
1971	389	97	14.9	67	17.2	56	14.4	52	13.4	50	12.9	49	12.6
1972	380	72	24.2	58	15.3	53	13.9	51	13.4	48	12.6	48	12.6
1973	412	111	26.9	69	16.7	58	14.1	56	13.6	54	13.1	52	12.6
1974	386	90	23.3	64	16.6	56	14.5	53	13.7	51	13.2	50	13.0
1975	413	131	31.7	64	15.5	57	13.8	55	13.3	53	12.8	52	12.6
1976	444	88	19.8	62	14.0	58	13.1	57	12.8	55	12.4	54	12.2
1977	467	99	21.2	69	14.8	63	13.5	60	12.8	58	12.4	57	12.2
1978	492	110	22.4	74	15.0	65	13.2	63	12.8	61	12.4	60	12.2
1979	539	94	17.4	70	13.0	67	12.4	65	12.1	63	11.7	62	11.5
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-7 YEAR 1979

LOCATION I-15 - 2.0 Miles North of Wolf Creek

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.2 % Foreign Pass Cars 16.7 % Pickups 27.8 % Commercial 16.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1370	1419	1423	1385	1440	1823	1486	1471	1486	98.99	69.66
February	1783	1696	1426	1376	1452	1802	1781	1616	1550	104.26	76.53
March	2665	1774	1615	1789	1966	2554	2335	2097	1939	108.15	99.31
April	2554	1941	1747	1903	2065	2752	2330	2189	2075	105.49	103.67
May	2757	2300	1810	1848	1977	2720	2494	2234	2098	106.48	105.80
* June	3116	2145	2049	2236	2278	2862	2760	2559	2405	106.40	121.19
July	3239	2446	2396	2244	2299	3016	2842	2641	2468	99.72	125.07
August	3234	2411	2270	2419	2410	3144	2920	2684	2547	105.38	127.10
September	2527	2341	1924	1886	1887	2575	2497	2252	2123	106.08	106.65
October	2443	1906	1648	1710	1989	2698	2290	2064	1959	105.36	97.75
November	2369	1721	1651	1862	1700	2230	1996	1935	1845	104.88	91.64
December	1553	1312	1346	1647	1624	1928	1804	1597	1559	102.44	75.63
Daily average for year	2468	1951	1775	1859	1924	2509	2295	2112	2005	105.34	

* Out of order for 12 days.

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-7

Route I-15 North of Wolf Creek

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	108	20.2	97	18.2	93	17.4				
1961	1096	176	16.1	157	14.3	148	13.5	143	13.0	139	12.7	136	12.4
1971	1647	338	20.5	259	15.7	250	15.2	246	14.9	238	14.5	232	14.1
1972	1792	358	20.0	307	17.1	281	15.7	268	15.0	257	14.3	247	13.8
1973	1795	347	19.3	303	16.9	288	16.0	276	15.4	262	14.6	255	14.2
1974	1796	373	20.8	295	16.4	282	15.7	258	14.4	249	13.9	245	13.6
1975		COUNTER	OUT	DUE	TO	MECHANICAL	FAILURE						
1976	2035	366	18.0	313	15.4	300	14.7	288	14.2	277	13.6	270	13.3
1977	2167	421	19.4	353	16.3	333	15.4	319	14.7	311	14.4	303	14.0
1978	2266	396	17.5	348	15.4	325	14.3	312	13.8	307	13.5	301	13.3
1979	2112	456	21.6	370	17.5	309	14.6	297	14.1	292	13.8	284	13.4
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-8
LOCATION US 93 - 0.5 Mile South of Ravalli

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 49.4 % Foreign Pass Cars 5.7 % Pickups 30.0 % Commercial 14.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1922	2093	2403	2355	2465	2874	2378	2349	2418	97.15	59.45
February	2690	2907	2891	2676	2650	3320	2808	2849	2889	98.62	72.10
March	3568	3228	3028	3049	3328	3963	3847	3457	3349	103.22	87.49
April	3762	3464	3254	3438	3574	4372	4050	3696	3613	102.30	93.53
May	4175	4081	3752	3791	3921	4892	4459	4121	4052	101.70	104.29
June	5274	4452	4350	4400	4530	5713	5246	4868	4701	103.55	123.19
July	6259	5394	5354	5317	5304	6198	5496	5622	5501	102.20	142.28
August	5938	5342	4988	5058	5178	6244	5747	5499	5379	102.23	139.16
September	4492	4685	4297	4116	4267	5290	4826	4574	4531	100.95	115.75
October	3900	3770	3667	3713	4084	4802	4206	3991	3969	100.55	101.00
November	3196	3264	3201	3551	3428	3938	3675	3479	3495	99.54	88.04
December	2494	2597	2598	3016	3077	3612	3126	2913	2962	98.35	73.72
Daily average for year	3973	3773	3649	3707	3817	4602	4155	3952	3905	101.20	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-8

Route U. S. 93 South of Ravalli

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6	200	23.6	167	19.7	153	18.0				
1961	1811	527	29.1	305	16.8	281	15.5	271	15.0	262	14.5	250	13.8
1971	2922	551	18.9	462	15.8	425	14.5	414	14.2	407	13.9	396	13.6
1972	3258	521	16.0	473	14.5	456	14.0	447	13.7	435	13.4	428	13.1
1973	3481	508	14.6	464	13.3	445	12.8	440	12.6	430	12.4	425	12.2
1974	3384	508	15.0	471	13.9	459	13.6	446	13.2	437	13.0	431	12.7
1975	3401	571	16.8	505	14.8	480	14.1	471	13.8	464	13.6	458	13.5
1976	3673	602	16.4	545	14.8	517	14.1	506	13.8	496	13.5	489	13.3
1977	3879	746	19.2	582	15.0	553	14.3	534	13.8	526	13.6	517	13.3
1978	4026	655	16.3	578	14.4	565	14.0	552	13.7	540	13.4	532	13.2
1979	3952	630	15.9	561	14.2	530	13.4	516	13.1	504	12.8	496	12.6
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-9 YEAR 1979

LOCATION I-15 - 7.0 Miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 45.6 % Foreign Pass Cars 9.5 % Pickups 30.4 % Commercial 14.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January				TEMPORILY REMOVED							
February				"	"	"					
March				"	"	"					
April				"	"	"					
May *		COUNTER BACK IN OPERATION - MAY 25, 1979									
June	6134	6205	5962	6125	6419	7323	6358	6393	6450	99.12	
July	6373	6859	6636	6134	6744	7696	6527	6701	6808	98.43	
August	6340	6721	6298	6355	6687	7997	6732	6760	6838	98.86	
September	5253	5948	5649	5636	5787	6819	6137	5877	5968	98.48	
October	5141	5749	5301	5469	5918	6906	5882	5741	5821	98.63	
November	4704	5147	4886	5296	5079	6045	5256	5226	5315	98.31	
December	3818	4422	4321	4867	5085	5611	4831	4674	4840	96.57	
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-9

Route I-15 West of Great Falls

Traffic Type Interstate - Primary

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1490	277	18.6	224	15.0	207	13.9	195	13.1				
1961	3613	692	19.2	455	12.6	420	11.6	411	11.4	397	11.0	388	10.7
1971	4789	675	14.1	590	12.3	538	11.2	520	10.9	504	10.5	496	10.4
1972	4851	644	13.3	572	11.8	542	11.2	518	10.7	509	10.5	502	10.4
1973	4858	804	16.6	570	11.7	549	11.3	525	10.8	508	10.5	496	10.2
1974	4910	646	13.2	545	11.1	519	10.6	508	10.3	492	10.0	484	9.9
1975	5115	654	12.8	595	11.6	557	10.9	535	10.5	516	10.1	507	9.9
1976	5267	755	14.3	578	11.0	554	10.5	540	10.3	533	10.1	518	9.8
1977	5613	720	12.8	664	11.8	643	11.5	627	11.1	613	10.9	609	10.8
1978			COUNTER TEMPORARILY REMOVED										
1979		Counter back in operation May 25, 1979											
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-10 YEAR 1979

LOCATION U.S. 2 - 2.0 Miles East of Wolf Point

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 43.1 % Foreign Pass Cars 7.0 % Pickups 36.9 % Commercial 13.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1121	1598	1919	1912	1946	2000	1627	1739	1866	93.19	87.11
February	1351	1689	1825	1634	1879	2075	1935	1770	1820	97.25	88.66
March	1424	1871	1889	1960	1936	2120	1803	1867	1962	95.16	93.52
April	1363	1918	1830	1949	1850	2098	1755	1811	1928	93.93	90.71
May	1535	1973	2225	2251	2285	2527	2139	2145	2252	95.25	107.44
June	1758	2407	2374	2448	2458	2755	2204	2352	2501	94.04	117.81
July	1934	2545	2539	2284	2522	2586	2224	2373	2499	94.96	118.86
August	1858	2225	2091	2456	2408	2704	2335	2318	2396	96.74	116.11
September	1268	1873	2033	1939	2066	1917	1718	1808	1966	91.96	90.56
October	1474	2070	2194	2145	2239	2392	1857	2061	2199	93.72	103.24
November	1360	1852	1992	2142	1937	2213	1742	1903	2031	93.70	95.32
December	1216	1856	1711	1979	1995	2245	1806	1810	1952	92.73	90.66
Daily average for year	1472	1990	2052	2092	2127	2303	1929	1996	2114	94.42	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-10

Route U.S. 2 East of Wolf Point

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1961	1347	218	16.2	195	14.5	164	12.2	150	11.1	143	10.6	138	10.2
1971	1648	305	18.5	211	12.8	198	12.0	191	11.6	185	11.2	182	11.0
1972	1662	275	16.5	225	13.5	204	12.3	201	12.1	196	11.8	192	11.6
1973	1744	342	19.6	263	15.1	225	12.9	212	12.2	207	11.9	203	11.6
1974	1693	242	14.3	206	12.2	198	11.7	194	11.5	192	11.3	188	11.1
1975	1850	344	18.6	254	13.7	232	12.5	223	12.1	217	11.7	213	11.5
1976	1972	279	14.1	246	12.5	233	11.8	230	11.7	226	11.5	223	11.3
1977	2063	273	13.2	254	12.3	245	11.9	235	11.4	232	11.2	227	11.0
1978	2241	321	14.3	280	12.5	273	12.2	267	11.9	261	11.6	258	11.5
1979	1996	272	13.6	235	11.8	228	11.4	222	11.1	220	11.0	216	10.8
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-11

LOCATION I-90 - 6.0 Miles West of Billings

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 47.6 % Foreign Pass Cars 12.9 % Pickups 26.7 % Commercial 12.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	7607	8454	9225	9262	9169	9614	9164	8933	9123	97.92	80.39
February	8546	8870	9060	8749	8988	10562	9848	9269	9298	99.69	83.41
March	10095	10074	10059	10352	10707	12077	11359	10696	10654	100.39	96.25
April	11017	10797	10416	10585	10926	12680	11925	11173	11067	100.96	100.55
Moy	11306	11288	11024	11183	11328	13136	12087	11579	11538	100.36	104.20
June	12551	12257	12446	12456	12376	14316	12768	12792	12844	99.60	115.12
July	12684	12619	12848	13334	12650	14252	12659	12979	13104	99.05	116.80
August	13011	13034	12642	12949	12822	14729	13584	13277	13270	100.05	119.48
September	11720	11814	11289	11398	11363	13056	12814	11945	11784	101.37	107.49
October	10196	10732	10454	10645	11079	12808	11106	10965	11074	99.02	98.67
November	9530	9399	9797	10181	9718	11363	10616	10116	10132	99.84	91.03
December	8337	9069	8770	9951	9986	11275	10286	9625	9775	98.47	86.61
Daily average for yeor	10550	18784	10669	10920	10926	12489	11518	11112	11139	99.76	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-11

Route I-90 West of Billings

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2913	564	19.4	423	14.5	388	13.2	370	12.7				
1961			UNDER	CONSTRUCTION									
1971	7638	927	12.1	835	10.9	799	10.5	781	10.2	771	10.1	762	10.0
1972	8299	949	11.4	911	11.0	872	10.5	860	10.4	843	10.2	833	10.0
1973	8732	1131	13.0	1018	11.7	982	11.2	942	10.8	923	10.6	906	10.4
1974	8611	1091	12.7	948	11.0	913	10.6	897	10.4	884	10.3	871	10.1
1975	9161	1151	12.6	1073	11.7	1031	11.3	999	10.9	979	10.7	971	10.6
1976	10143	1427	14.1	1129	11.1	1093	10.8	1069	10.5	1054	10.4	1047	10.3
1977	10646	1358	12.8	1195	11.2	1150	10.8	1130	10.6	1109	10.4	1098	10.3
1978	11292	1485	13.2	1259	11.1	1220	10.8	1194	10.6	1183	10.5	1166	10.3
1979	11112	1443	13.0	1170	10.5	1126	10.1	1109	10.0	1093	9.8	1079	9.7
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-12 YEAR 1979

LOCATION U.S. 87 and Montana 200 - 6.0 Miles West of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 35.0 % Foreign Pass Cars 5.2 % Pickups 37.0 % Commercial 22.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	849	1177	1510	1432	1413	1529	1176	1317	1412	93.27	74.11
February	1065	1280	1513	1412	1566	1782	1400	1431	1511	94.71	80.52
March	1318	1465	1331	1435	1635	1833	1512	1530	1572	97.33	86.09
April	1538	1732	1577	1588	1696	2171	1648	1701	1750	97.20	95.71
May	1765	1861	1801	1800	1879	2217	1897	1883	1901	99.05	105.96
June	1938	2014	1954	1963	1975	2301	2031	2035	2054	99.08	114.51
July	2032	2184	2098	2035	2157	2431	2204	2157	2177	99.08	121.37
August	2308	2069	2030	2037	2078	2439	2238	2173	2138	101.64	122.27
September	1879	2023	1855	1896	1942	2338	2032	1992	2011	99.06	112.09
October	1823	1868	1847	1869	2029	2259	2065	1956	1960	99.80	110.06
November	1450	1648	1634	1781	1673	1958	1642	1693	1746	96.96	95.27
December	1123	1431	1469	1560	1603	1788	1349	1458	1564	93.22	82.04
Daily average for year	1591	1729	1718	1734	1804	2087	1766	1777	1816	97.85	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-12

Route U.S.87 & Montana 200 West of Lewistown

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1961	1491	194	13.0	172	11.5	167	11.2	163	10.9	161	10.8	158	10.6
1971	1498	315	21.0	181	12.1	171	11.4	165	11.0	162	10.8	160	10.7
1972	1458	352	24.1	267	18.3	212	14.5	186	12.8	177	12.1	170	11.7
1973	1647	262	15.9	235	14.3	215	13.1	203	12.3	198	12.0	191	11.6
1974	1619	251	15.5	190	11.7	177	10.9	174	10.7	172	10.6	168	10.4
1975	1548	329	21.3	217	14.0	194	12.5	186	12.0	180	11.6	170	11.5
1976	1590	283	17.8	209	13.1	194	12.2	188	11.8	185	11.6	182	11.4
1977	1656	246	14.9	209	12.6	199	12.0	193	11.7	190	11.5	186	11.2
1978	1910	296	15.5	266	13.9	252	13.2	241	12.6	235	12.3	230	12.0
1979	1777	302	17.0	217	12.2	208	11.7	200	11.3	197	11.1	195	11.0
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-13 YEAR 1979

LOCATION U.S. 191 - 7.0 Miles North of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 41.6 % Foreign Pass Cars 1.8 % Pickups 44.4 % Commercial 12.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	746	695	842	841	848	997	794	820	837	97.97	65.65
February	871	901	917	858	799	948	896	884	884	100.00	70.78
March	979	1007	1042	1044	1025	1257	1008	1056	1081	97.69	84.54
April	1178	1253	1152	1133	1134	1425	1211	1212	1221	99.26	97.04
May	1349	1228	1311	1263	1338	1488	1430	1340	1323	101.29	107.29
June	1440	1394	1422	1397	1388	1519	1472	1437	1428	100.63	115.05
July	1408	1507	1486	1453	1459	1670	1583	1505	1513	99.47	120.50
August	1379	1432	1429	1508	1618	1696	1410	1507	1546	97.48	120.65
September	1476	1395	1616	1504	1423	1720	1622	1537	1532	100.33	123.06
October	1471	1360	1341	1376	1354	1599	1425	1412	1400	100.86	113.05
November	1123	1181	1199	1295	1152	1364	1285	1230	1240	99.19	98.48
December	908	1076	1062	1098	1071	1207	962	1048	1102	95.10	83.91
Daily average for year	1194	1202	1235	1231	1217	1408	1258	1249	1259	99.21	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-13

Route U.S. 191 North of Lewistown

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1961	1239	212	17.1	172	13.9	166	13.4	162	13.1	158	12.8	156	12.6
1971	1083	161	14.9	135	12.5	131	12.1	127	11.7	123	11.4	121	11.2
1972	1044	173	16.6	142	13.6	135	12.9	132	12.6	125	12.0	122	11.7
1973	1084	161	14.9	148	13.7	140	13.0	134	12.4	131	12.1	129	12.0
1974	1183	171	14.5	145	12.3	138	11.7	135	11.4	131	11.1	129	10.9
1975	1078	146	13.5	139	12.9	132	12.2	129	12.0	127	11.8	125	11.6
1976	1197	165	13.8	150	12.5	145	12.1	139	11.6	136	11.4	134	11.2
1977	1197	178	14.9	147	12.3	142	11.9	140	11.7	137	11.4	133	11.1
1978	1382	236	17.1	200	14.5	192	13.9	185	13.4	182	13.2	176	12.7
1979	1249	438	35.1	159	12.7	154	12.3	148	11.8	145	11.6	142	11.4
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-14

LOCATION FAS 278-4.0 Miles Southwest of Dillon

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 37.4 % Foreign Pass Cars 3.8 % Pickups 48.5% Commercial 10.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	524	419	430	392	450	475	569	460	431	106.73	79.12
February	617	464	431	423	424	485	570	488	445	109.66	83.95
March	611	459	447	478	485	533	569	513	483	106.21	88.24
April	515	448	441	461	474	541	505	483	471	102.55	83.09
May	705	638	565	556	603	669	706	629	602	104.49	108.20
June	740	615	607	618	652	685	684	659	638	103.29	113.36
July	964	696	689	689	663	712	866	757	690	109.71	130.22
August	730	622	657	691	685	724	675	685	679	100.88	117.83
September	681	643	624	624	634	672	707	657	639	102.82	113.02
October	600	613	550	597	587	642	642	603	596	101.17	103.73
November	523	571	592	555	597	584	604	576	581	99.14	99.08
December	471	457	419	468	475	487	481	466	461	101.08	80.16
Daily average for year	640	554	538	546	561	601	632	581	560	103.75	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-14

Route FAS 278 Southwest of Dillon

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1961	311	63	20.3	51	16.4	47	15.1	45	14.5	44	14.1	43	13.8
1971	405	107	26.4	74	18.3	65	16.0	60	14.8	58	14.3	56	13.8
1972	393	95	24.2	66	16.8	60	15.3	58	14.8	57	14.5	55	14.0
1973	427	86	20.1	73	17.1	65	15.2	61	14.3	59	13.8	57	13.3
1974	443	83	18.7	68	15.3	63	14.2	59	13.3	56	12.6	55	12.4
1975	418	111	26.6	70	16.7	65	15.6	60	14.4	57	13.6	56	13.4
1976	550	111	20.2	83	15.1	74	13.5	69	12.5	66	12.0	63	11.5
1977	590	129	21.9	90	15.3	83	14.1	81	13.7	76	12.9	75	12.7
1978	541	144	26.6	95	17.6	84	15.5	78	14.4	74	13.7	72	13.3
1979	581	135	23.2	93	16.0	84	14.5	78	13.4	75	12.9	73	12.6
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-15 YEAR 1979

LOCATION Montana 200- 4.0 Miles Northeast of Bonner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 49.9 % Foreign Pass Cars 1.9 % Pickups 33.0 % Commercial 15.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1367	1432	1621	1631	1693	1823	1619	1594	1630	97.79	62.20
February	1689	1751	1641	1595	1758	2013	1607	1722	1752	98.29	67.19
March	2156	1813	1785	1747	1833	2220	1967	1939	1893	102.43	75.66
April	2382	2058	1860	1977	2127	2578	2363	2194	2117	103.64	85.61
May	3342	2825	2414	2434	2429	3220	3156	2792	2633	106.04	108.94
June	3949	2662	2611	2731	2781	3536	3530	3142	2896	108.49	122.60
July	4303	3219	3223	3515	3274	3878	3904	3613	3404	106.14	140.98
August	3938	2994	2904	2934	3020	3753	3366	3269	3136	104.24	127.55
September	3527	3124	2746	2681	2722	3247	3717	3077	2904	105.96	120.06
October	3397	2763	2668	2586	2749	3153	3134	2897	2769	104.62	113.04
November	2665	2384	2389	2618	2334	2811	2917	2587	2513	102.94	100.94
December	1881	1667	1720	1954	2083	2362	1795	1928	1971	97.82	75.23
Daily average for year	2883	2391	2299	2367	2400	2883	2723	2563	2468	103.85	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-15

Route Montana 200 Northeast of Bonner

Traffic Type Primary-Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.7	119	40.7	111	38.0	102	34.9				
1961	1231	311	25.3	213	17.3	201	16.3	188	17.3	184	14.9	179	14.5
1971	1811	399	22.0	340	18.8	321	17.7	302	16.7	292	16.1	280	15.5
1972	1782	444	24.9	346	19.4	322	18.1	315	17.7	303	17.0	293	16.4
1973	1966	383	19.5	350	17.8	330	16.8	316	16.1	308	15.7	299	15.2
1974	2017	421	20.9	354	17.6	330	16.4	318	15.8	311	15.4	303	15.0
1975	1961	495	25.2	395	20.1	363	18.5	332	16.9	312	15.9	302	15.4
1976	2238	425	19.0	368	16.4	345	15.4	326	14.6	320	14.3	312	13.9
1977	2257	527	23.3	389	17.2	377	16.7	363	16.1	356	15.8	348	15.4
1978	2420	486	20.1	411	17.0	382	15.8	364	15.0	352	14.5	342	14.1
1979	2563	990	38.6	407	15.9	392	15.3	370	14.4	360	14.0	348	13.6
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-16

LOCATION I-90 - 3.0 miles West of Butte

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 54.0 % Foreign Pass Cars 8.0 % Pickups 22.5 % Commercial 15.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	5667	5970	6508	6465	6475	6968	6626	6376	6456	98.76	71.24
February	7362	6859	6915	6354	6475	7813	7191	6995	6883	101.63	78.15
March	8073	7408	7520	7900	7926	8954	8720	8116	7987	101.62	90.68
April	8391	7526	7430	7603	8697	9883	8906	8263	8110	101.89	92.32
May	9230	8353	8173	8287	9566	10970	9796	9196	9069	101.40	102.75
June	10175	10229	10506	10590	10690	11983	10463	10662	10800	98.72	119.12
July	10824	11241	11420	11149	11372	12614	11251	11386	11538	98.68	127.21
August	11163	11143	11226	11492	11515	12697	11417	11559	11652	99.20	129.15
September	9839	10060	9937	9966	10021	11278	10639	10248	10252	99.96	114.50
October	8495	8707	8893	9005	9471	10626	9289	9179	9279	98.92	102.55
November	7727	7787	8064	8426	8037	9159	8090	8212	8322	98.68	91.75
December	6308	6533	6475	7400	7701	8396	7895	7212	7264	99.28	80.58
Daily average for year	8605	8485	8589	8720	8996	10112	9190	8950	8968	99.80	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-16

Route I-90 & I-15 West of Butte

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	4495	619	13.8	543	12.1	523	11.6	513	11.4	504	11.2	497	11.1
1971	7123	884	12.4	845	11.9	828	11.6	817	11.5	802	11.3	790	11.1
1972	7690	1046	13.6	934	12.1	915	11.9	889	11.6	873	11.4	863	11.2
1973	8076	1120	13.9	1032	12.8	996	12.3	962	11.9	943	11.7	928	11.5
1974	8702	1127	13.0	1057	12.1	1025	11.8	1003	11.5	987	11.3	969	11.1
1975	7913	1099	13.9	1003	12.7	977	12.3	949	12.0	937	11.8	921	11.6
1976	8481	1205	14.2	1137	13.4	1100	13.0	1078	12.7	1057	12.5	1041	12.3
1977	8912	1210	13.6	1145	12.8	1103	12.4	1080	12.1	1068	12.0	1049	11.8
1978	9329	1210	13.0	1146	12.3	1103	11.8	1080	11.6	1064	11.4	1052	11.3
1979	8950	1084	12.1	1034	11.6	989	11.1	962	10.7	946	10.6	939	10.5
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-17

LOCATION I-15 - 0.5 Mile North of Lima

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 24.6 % Foreign Pass Cars 26.0 % Pickups 21.6 % Commercial 27.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	876	924	938	945	953	998	955	941	950	99.05	75.54
February	1055	1114	1012	980	935	1107	1052	1036	1029	100.68	83.16
March	1316	1137	1093	1183	1145	1325	1347	1226	1182	103.72	98.41
April	1205	1219	1205	1322	1343	1438	1287	1283	1301	98.62	102.99
May	1108	1215	1175	1178	1242	1496	1256	1235	1253	98.56	99.14
June	1299	1389	1321	1390	1418	1557	1423	1406	1422	98.87	112.86
July	1507	1563	1518	1456	1513	1713	1596	1550	1552	99.87	124.42
August	1597	1609	1489	1500	1577	1816	1633	1606	1602	100.25	128.92
September	1276	1373	1252	1298	1264	1368	1398	1320	1311	100.69	105.96
October	1308	1303	1225	1179	1302	1451	1254	1283	1284	99.92	102.99
November	1346	1222	1091	1172	1014	1120	1178	1157	1118	103.49	92.88
December	922	790	700	919	951	990	1059	906	866	104.62	72.73
Daily average for year	1235	1238	1168	1210	1221	1365	1287	1246	1239	100.56	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-17

Route I-15 North of Lima

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	593	86	14.5	75	12.6	72	12.1	68	11.5	67	11.3	66	11.1
1971	785	153	19.5	113	14.4	109	13.9	106	13.5	102	13.0	101	12.9
1972	977	187	19.1	138	14.1	131	13.4	125	12.8	122	12.5	119	12.2
1973	976	228	23.4	177	18.1	164	16.8	153	15.7	147	15.1	143	14.7
1974	919	149	16.2	135	14.7	127	13.8	125	13.6	122	13.3	119	12.9
1975	969	166	17.1	140	14.4	134	13.8	128	13.2	125	12.9	123	12.7
1976	1198	206	17.2	177	14.8	167	13.9	161	13.4	158	13.2	154	12.9
1977	1344	210	15.6	181	13.5	174	12.9	168	12.5	164	12.2	161	12.0
1978	1357	231	17.0	197	14.5	183	13.5	178	13.1	174	12.8	169	12.5
1979	1246	203	16.3	163	13.1	149	12.0	142	11.4	138	11.1	136	10.9
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-18

LOCATION U.S. 20 & 191 - 5.0 Miles West of West Yellowstone

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 27.3 % Foreign Pass Cars 26.6 % Pickups 25.8 % Commercial 20.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	501	470	515	539	507	539	573	519	513	101.17	35.25
February	767	690	596	572	548	740	779	670	629	106.52	45.50
March	816	641	633	659	618	737	831	707	660	107.12	48.01
April	956	789	713	751	827	879	949	840	791	106.20	57.05
May	1587	1365	1149	1154	1238	1353	1631	1337	1242	107.65	90.80
June	2496	2356	2325	2390	2379	2506	2897	2493	2397	104.01	169.30
July	3322	3096	3125	3065	3142	3524	3812	3286	3183	103.24	223.16
August	3219	3045	2938	3036	2999	3445	3604	3181	3101	102.58	216.03
September	2280	2160	1871	1826	1761	1916	2489	2066	1907	108.34	140.30
October	1304	1164	1165	1156	1296	1404	1366	1255	1227	102.28	85.23
November	692	639	682	811	666	753	792	719	710	101.27	48.83
December	572	510	479	625	634	701	672	597	586	101.88	40.54
Daily average for year	1543	1410	1349	1382	1385	1541	1700	1473	1412	104.32	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-18

Route U.S. 20 & 191 West of West Yellowstone

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1262	384	30.4	328	26.0	312	24.7	286	22.7	268	21.2	262	20.8
1972	1281	359	28.0	306	23.9	282	22.0	276	21.5	268	20.9	264	20.6
1973	1233	281	22.8	258	20.9	248	20.1	241	19.5	236	19.1	231	18.7
1974	1206	287	23.8	264	21.9	259	21.5	252	20.9	242	20.1	239	19.8
1975	1249	350	28.0	317	25.4	289	23.1	280	22.4	270	21.6	264	21.1
1976	1202	328	27.3	285	23.7	269	22.4	264	22.0	258	21.5	254	21.1
1977	1472	774	52.6	412	28.0	378	25.7	354	24.0	338	23.0	323	21.9
1978	1650	461	27.9	402	24.4	378	22.9	363	22.0	356	21.6	346	21.0
1979	1473	493	33.5	331	22.5	311	21.1	301	20.4	294	20.0	288	19.6
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-19

LOCATION U.S. 191 - 7.7 Miles North of West Yellowstone

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 27.3 % Foreign Pass Cars 26.6 % Pickups 25.8 % Commercial 20.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	598	600	610	637	614	666	680	628	624	100.64	43.18
February	935	796	687	659	659	847	845	780	736	105.98	53.63
March	1018	785	810	831	803	893	903	864	827	104.47	59.40
April	916	796	747	769	836	888	910	839	807	103.97	57.69
May	1458	1329	1186	1221	1264	1356	1476	1312	1258	104.29	90.21
June	2144	2142	2213	2252	2161	2254	2332	2219	2206	100.59	152.57
July	2931	2732	2865	2910	2828	3068	2835	2877	2873	100.14	197.81
August	2863	2696	2762	2785	2755	2993	2900	2824	2804	100.71	194.17
September	2217	2161	1949	1989	1942	2108	2556	2149	2030	105.86	147.75
October	1219	1306	1294	1295	1387	1505	1360	1334	1350	98.82	91.72
November	802	775	840	948	845	920	910	864	867	99.65	59.41
December	746	663	598	745	801	1000	805	763	757	100.79	52.46
Daily average for year	1487	1398	1380	1420	1408	1542	1543	1454	1428	101.82	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-19

Route U.S. 191 North of West Yellowstone

Traffic Type Primary-Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	802	285	35.5	220	27.4	212	26.4	204	25.4	196	24.4	196	24.2
1971	1142	301	26.4	258	22.6	244	21.4	227	19.9	223	19.5	219	19.2
1972	1201	288	24.0	243	20.2	230	19.2	227	18.9	223	18.6	221	18.4
1973	1142	248	21.7	222	19.4	214	18.7	208	18.2	205	18.0	203	17.8
1974	1249	275	22.0	257	20.6	248	19.9	243	19.5	239	19.1	236	18.9
1975	1285	423	32.9	275	21.4	268	20.9	260	20.2	256	19.9	251	19.5
1976	1383	335	24.2	283	20.5	270	19.5	264	19.1	256	18.5	250	18.1
1977	1483	394	26.6	318	21.4	304	20.5	295	19.9	288	19.4	280	18.9
1978	1570	426	27.1	346	22.0	323	20.6	314	20.0	308	19.6	303	19.3
1979	1454	606	41.7	302	20.8	268	18.4	255	17.5	250	17.2	246	16.9
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-20

LOCATION U.S. 89 - 17.0 Miles North of Gardiner

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.4 % Foreign Pass Cars 16.4 % Pickups 34.7 % Commercial 9.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	719	582	579	577	522	654	877	638	582	109.62	73.75
February	786	492	394	320	487	541	761	540	446	121.08	62.42
March	663	394	451	438	385	473	647	494	428	115.42	57.10
April	762	492	447	470	476	602	777	579	497	116.50	66.93
May	1019	821	657	688	754	834	1043	816	741	110.12	94.33
June	1406	1261	1251	1329	1291	1284	1341	1390	1283	102.03	151.32
July	1613	1551	1557	1619	1622	1646	1666	1607	1595	100.75	185.76
August	1698	1558	1538	1491	1575	1629	1744	1601	1559	102.69	185.07
September	1341	1200	1104	1102	1052	1175	1299	1191	1127	105.68	137.67
October	742	634	616	628	686	785	845	697	664	104.97	80.57
November	511	406	430	419	450	575	631	490	461	106.29	56.64
December	424	360	328	374	435	488	511	419	395	106.08	48.44
Daily overage for year	974	813	779	788	811	891	1012	865	815	106.13	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-20

Route U.S. 87 North of Gardiner

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961				UNDER	CONSTRUCTION								
1971	655	167	25.5	144	22.0	134	20.5	131	20.0	130	19.8	128	19.5
1972	694	211	30.4	157	22.6	151	21.8	148	21.3	143	20.6	140	20.2
1973	715	268	37.5	145	20.3	136	19.0	134	18.7	132	18.5	130	18.2
1974	660	202	30.6	143	21.7	133	20.2	127	19.2	124	18.8	121	18.3
1975	731	196	26.8	157	21.5	152	20.8	150	20.5	147	20.1	145	19.8
1976	816	194	23.8	170	20.8	163	20.0	163	20.0	160	19.6	158	19.4
1977	911	316	34.7	192	21.1	183	20.1	179	19.6	176	19.3	173	19.0
1978	1002	208	20.8	192	19.2	186	18.6	184	18.4	182	18.2	181	18.1
1979	865	194	22.4	159	18.4	156	18.0	151	17.5	147	17.0	144	16.6
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-21
LOCATION Montana Avenue in Helena

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	13396	16146	18448	18324	18781	19708	15151	17185	18197	94.44	94.64
February	13055	18509	19266	18809	19095	21154	18158	18292	19366	94.45	101.74
March	12279	16848	16413	16545	17505	19138	16492	16625	17446	95.29	91.56
April	11024	14859	14781	15373	15863	17019	15412	14766	15534	95.06	81.32
May	14141	18350	19815	19845	21184	23459	19489	19548	20498	95.37	107.66
June	14051	21393	21338	21481	22318	23846	18842	20525	22159	92.63	113.04
July	14231	20715	21087	20545	20980	22930	17929	19649	21193	92.71	108.21
August	14181	21131	19924	20380	21134	22182	17179	19630	21004	93.46	108.11
September	12988	17062	20024	19442	20308	22452	17860	18477	20004	92.37	101.76
October	12031	18569	18889	19088	20262	21990	17579	18393	19641	93.65	101.29
November	11774	17736	18436	18974	16796	20374	16538	17323	18474	93.77	95.40
December	12444	18790	15716	18727	19336	21079	17264	17481	18732	93.32	96.27
Daily average for year	12966	18342	18678	18961	19463	21278	17324	18158	19354	93.82	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-21

Route U.S. 91 & 12 ByPass, Montana Avenue - Helena

Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	7971	881	11.1	846	10.6	832	10.4	826	10.4	819	10.3	803	10.1
1971	13549	1656	12.2	1538	11.4	1507	11.1	1455	10.7	1419	10.5	1387	10.2
1972	16583	1881	11.3	1808	10.9	1754	10.6	1738	10.5	1728	10.4	1713	10.3
1973	17915	1076	11.6	1895	10.6	1875	10.5	1853	10.3	1834	10.2	1822	10.2
1974	17551	2170	12.4	1870	10.7	1841	10.5	1810	10.3	1782	10.2	1771	10.1
1975	17928	2002	11.2	1863	10.4	1841	10.3	1825	10.2	1805	10.1	1782	9.9
1976	19766	3467	17.5	1789	14.1	2634	13.3	2531	12.8	2487	12.6	2400	12.1
1977	19697	2269	11.5	2184	11.1	2132	10.8	2100	10.7	2069	10.5	2047	10.4
1978	19143	2570	13.4	2211	11.6	2087	10.9	2062	10.8	2014	10.5	2001	10.4
1979	18158	4616	25.4	2032	11.2	1993	11.0	1980	10.9	1959	10.8	1938	10.7
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-23 YEAR 1979

LOCATION FAS 241-2.5 Miles North of Harlem

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 23.5 % Foreign Pass Cars 6.6 % Pickups 52.3 % Commercial 17.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	168	283	322	283	316	318	272	282	303	93.07	80.30
February	200	274	295	254	238	271	255	255	266	95.86	72.62
March	272	316	353	332	342	367	352	335	343	97.67	95.40
April	284	381	330	313	355	446	394	360	371	97.04	102.52
May	312	341	376	366	359	426	416	370	373	99.20	105.36
June	312	399	423	407	390	420	367	389	408	95.34	110.77
July	300	421	419	388	403	421	369	388	411	94.40	110.49
August	352	420	402	395	412	432	391	402	412	97.57	114.48
September	337	364	393	384	364	402	416	380	381	99.74	108.21
October	337	363	383	357	392	411	376	374	380	98.42	106.50
November	277	373	402	361	335	413	326	357	377	94.69	101.66
December	226	329	322	335	387	399	284	322	353	91.22	91.69
Daily average for year	281	355	368	348	358	394	352	351	365	96.16	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-23

Route FAS 241 North of Harlem

Traffic Type Secondary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	205	40	19.5	33	16.1	31	15.1	30	14.6	28	13.7	28	13.7
1971	313	55	17.6	49	15.7	45	14.4	43	13.7	42	13.4	41	13.1
1972	288	54	18.8	43	14.9	40	13.9	39	13.5	37	12.8	37	12.8
1973	315	69	21.9	48	15.2	44	14.0	41	13.0	39	12.4	38	12.1
1974	320	51	15.9	46	14.4	44	13.8	42	13.1	41	12.8	41	12.8
1975	332	58	17.5	49	14.8	48	14.5	46	13.9	45	13.6	44	13.3
1976	370	66	17.8	52	14.1	50	13.5	48	13.0	46	12.4	46	12.4
1977	365	88	24.1	54	14.8	50	13.7	47	12.9	47	12.9	46	12.6
1978	333	61	18.3	49	14.7	47	14.1	46	13.8	45	13.5	44	13.2
1979	351	60	17.1	53	15.1	50	14.2	48	13.7	46	13.1	46	13.1
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-24
LOCATION U.S. 2 - 1.3 Miles West of Kalispell

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 47.1 % Foreign Pass Cars 5.3 % Pickups 36.1 % Commercial 11.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1846	2515	2828	2820	2885	3025	2520	2642	2802	94.29	70.96
February	2236	3010	3002	2972	3022	3228	2579	2864	3047	93.99	76.92
March	2717	3067	3005	3098	3142	3467	3247	3124	3169	98.58	83.90
April	2935	3298	3186	3338	3409	3654	3409	3305	3373	97.98	88.76
May	3275	3898	3741	3762	3803	4219	3817	3797	3884	97.76	101.98
* June	3876	4373	4354	4392	4265	4782	4086	4319	4459	96.86	115.99
July	3868	4725	4724	4344	4684	5078	4334	4527	4712	96.07	121.58
August	4104	4643	4602	4671	4763	5145	4502	4655	4777	97.45	125.02
September	3689	4145	4284	4156	4265	4676	4368	4213	4305	97.86	113.15
October	3641	4177	4164	4255	4221	4667	4184	4188	4284	97.76	112.48
November	3311	3976	3935	4024	3737	4202	3742	3855	3974	97.01	103.53
December	2509	3172	2955	3356	3490	3814	3220	3192	3348	95.34	85.73
Daily average for year	3167	3750	3732	3766	3807	4163	3667	3723	3845	96.83	

* Out of Service for 20 Days

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-24

Route U.S. 2 West of Kalispell

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1454	219	15.1	190	13.1	184	12.7	180	12.4	176	12.1	174	11.9
1971	2442	442	18.1	366	15.0	352	14.4	339	13.9	332	13.6	326	13.3
1972	2434	325	13.4	295	12.1	280	11.5	274	11.3	268	11.0	264	10.6
1973		COUNTER	REMOVED	FOR	REPAIRS								
1974	2191	366	16.7	343	15.7	330	15.1	326	14.9	319	14.6	314	14.3
1975	2753	461	16.7	363	13.2	346	12.6	339	12.3	332	12.1	329	12.0
1976	3029	461	15.2	359	11.9	347	11.5	339	11.2	332	11.0	328	10.8
1977	3312	435	13.1	398	12.0	383	11.6	372	11.2	364	11.0	357	10.8
1978	3619	628	17.4	458	12.7	427	11.8	413	11.4	405	11.2	399	11.0
1979	3723	553	14.9	442	11.9	426	11.4	419	11.3	415	11.1	410	11.0
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-25
LOCATION I-94 - 1.0 Miles East of Wibaux

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 23.9 % Foreign Pass Cars 21.0 % Pickups 26.6 % Commercial 28.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1270	1269	1401	1393	1386	1445	1452	1372	1376	99.71	66.88
February	1375	1360	1310	1273	1191	1348	1456	1330	1296	102.62	64.83
March	1832	1560	1704	1658	1698	1799	1965	1752	1690	103.67	85.40
April	1850	1790	1729	1785	1719	2043	1989	1842	1812	101.66	89.79
May	2121	1973	2015	2134	2120	2265	2202	2116	2100	100.76	103.14
June	2615	2536	2521	2582	2674	2865	2770	2663	2646	100.64	129.81
July	2930	2983	2820	2806	2919	3132	3018	2940	2929	100.38	143.31
August	3040	2779	2790	2739	2856	3048	3068	2901	2847	101.90	141.41
September	2322	2242	2205	2305	2362	2524	2473	2351	2327	101.03	114.60
October	1930	2178	2131	2183	2436	2540	2042	2202	2277	96.71	107.34
November	1692	1400	1434	1566	1554	1694	1901	1607	1538	104.49	78.33
December	1289	1362	1372	1657	1681	1848	1666	1542	1573	98.03	75.16
Daily average for year	2022	1953	1953	2007	2041	2213	2167	2052	2034	100.88	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-25

Route I-94 East of Wibaux

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1031	233	22.6	173	16.8	148	14.4	141	13.7	131	12.7	127	12.3
1971	1622	257	15.8	234	14.4	223	13.7	218	13.4	212	13.1	210	12.9
1972			COUNTER	OUT	DUE	TO	CONSTRUCTION						
1973			"	"	"	"							
1974			"	"	"	"							
1975			"	"	"	"							
1976	2264	319	14.1	285	12.6	276	12.2	265	11.7	262	11.6	259	11.4
1977	2008	364	18.1	286	14.2	275	13.7	269	13.4	266	13.2	260	12.9
1978	2192	428	19.5	312	14.2	299	13.6	288	13.1	283	12.9	278	12.7
1979	2052	317	15.4	239	11.6	232	11.3	227	11.1	222	10.8	219	10.7
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-27

LOCATION U.S. 191 - 1.5 Miles South of Fred Robinson Bridge

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 40.9 % Foreign Pass Cars 7.0 % Pickups 30.2 % Commercial 21.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
Jonuary	169	192	196	184	225	251	169	200	209	95.69	52.62
February	218	252	201	165	168	283	193	211	214	98.60	55.51
March	331	296	266	290	301	399	247	305	314	97.13	80.25
April	381	367	327	318	352	458	304	359	364	98.63	94.45
May	423	431	354	325	368	533	426	406	400	101.50	106.82
June	504	438	410	439	401	580	412	455	454	100.22	119.71
July	549	443	440	464	463	594	443	485	478	101.46	127.60
August	544	472	470	416	451	610	438	490	490	100.00	128.92
September	522	525	419	394	437	595	475	482	474	101.69	126.81
October	552	450	411	418	457	586	450	470	459	102.40	123.66
November	447	364	390	403	355	441	342	392	391	100.26	103.14
December	262	243	312	357	331	373	294	306	319	95.92	80.51
Daily average for year	409	373	350	348	359	475	349	380	381	99.74	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-27

Route U.S. 191 Robinson Bridge

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	202	126	62.4	71	35.1	50	24.8	44	21.8	40	19.8	38	18.8
1971	314	98	31.2	64	20.4	56	17.8	53	16.9	51	16.2	49	15.6
1972	320	105	32.8	70	21.9	61	19.1	56	17.5	54	16.9	53	16.6
1973	340	91	28.8	67	19.7	60	17.6	56	16.5	54	15.9	52	15.3
1974	330	82	24.8	63	19.1	57	17.3	54	16.4	52	15.8	49	14.8
1975	325	90	27.7	62	19.1	56	17.2	53	16.3	51	15.7	50	15.4
1976	348	90	25.9	67	19.3	61	17.5	57	16.4	55	15.8	53	15.2
1977	349	88	25.2	66	18.9	60	17.2	57	16.3	54	15.5	52	14.9
1978	348	88	25.3	68	19.5	59	17.0	57	16.4	55	15.8	53	15.2
1979	380	91	23.9	72	18.9	66	17.4	62	16.3	60	15.8	58	15.3
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-28 YEAR 1979

LOCATION Interstate Frontage Road 7.0 Miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1391	1827	1756	1814	1964	1921	1808	1787	1850	96.59	77.82
February	1718	1767	1994	1854	1947	2038	1809	1875	1920	97.66	81.65
March	1979	2068	2108	2252	2387	2394	2326	2231	2255	98.94	97.16
April	2128	2317	2267	2303	2510	2659	2547	2388	2420	98.68	103.99
May	2152	2329	2500	2720	2622	2764	2571	2540	2602	97.62	110.61
June	2131	2480	2502	2643	2587	2769	2400	2507	2604	96.28	109.17
July	2052	2508	2522	2583	2589	2764	2407	2477	2586	95.79	107.87
August	2032	2294	2348	2554	2564	2667	2324	2417	2500	96.68	105.25
September	2281	2548	2582	2605	2629	2662	2705	2568	2605	98.58	111.83
October	2039	2303	2368	2685	2531	2626	2444	2430	2496	97.36	105.82
November	1778	2200	2370	2673	2278	2465	2107	2274	2394	94.99	99.03
* December	1541	2202	1986	2325	2211	2383	1916	2062	2221	92.84	89.80
Daily average for year	1935	2237	2275	2418	2402	2509	2280	2296	2371	96.84	

* Out of Service for 10 Days

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-28

Route Vaughn-Interstate-Frontage

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	255	112	43.9	71	27.8	63	24.7	59	23.1	56	22.0	52	20.4
1971	553	103	18.6	89	16.1	84	15.2	80	14.5	75	13.6	74	13.4
1972	483	78	16.1	66	13.7	62	12.8	61	12.6	61	12.6	60	12.4
1973	634	91	14.4	84	13.2	80	12.6	79	12.5	77	12.1	76	12.0
1974	774	167	21.6	100	12.9	93	12.0	91	11.8	90	11.6	88	11.4
1975	850	201	23.6	129	15.2	117	13.8	112	13.2	108	12.7	105	12.4
1976	1097	229	20.9	142	12.9	139	12.7	132	12.0	130	11.9	128	11.7
1977	1628	265	16.3	246	15.1	239	14.7	235	14.4	226	13.9	223	13.7
1978	1965	326	16.6	268	13.6	257	13.1	250	12.7	246	12.5	243	12.4
1979	2296	456	19.9	285	12.4	276	12.0	269	11.7	266	11.6	264	11.5
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-29
LOCATION Interstate Frontage Road 6.0 Miles West of Billings

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1237	1596	1750	1852	1859	1839	1566	1677	1773	94.59	
February	1301	1742	1691	1761	1711	1878	1482	1652	1757	94.02	
March	1230	1670	1655	1755	1668	1822	1524	1623	1717	94.53	
April	1424	1809	1822	1929	2091	2083	1801	1836	1940	94.64	
May	1521	1848	1947	2036	2017	2250	1794	1924	2017	95.39	
June	1320	1550	1538	1629	1678	1920	1491	1597	1675	95.34	
July				MACHINE MALFUNCTION							
August				"	"	"					
September	1685	1246	1235	1644	1768	1929	1330	1579	1614	97.83	
October	2064	2593	2528	2856	2517	2714	2389	2536	2644	95.92	
November	1919	2319	2386	2473	2374	2653	2298	2357	2447	96.32	
December	1786	2350	2248	2466	2480	2660	2288	2307	2436	94.70	
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-29

Route Billings Interstate Frontage

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961			UNDER	CONSTRUCTION									
1971	1702	228	13.4	182	10.7	175	10.3	172	10.1	168	9.9	166	9.8
1972	1831	229	12.5	194	10.6	187	10.2	184	10.0	182	9.9	180	9.8
1973	1872	250	13.4	191	10.2	186	9.9	181	9.7	179	9.6	177	9.5
1974	1744	209	12.0	178	10.2	174	10.0	172	9.9	170	9.7	167	9.6
1975	1565	218	13.9	178	11.4	172	11.0	169	10.8	167	10.7	165	10.5
1976	1611	340	21.1	193	12.0	182	11.3	176	10.9	172	10.7	168	10.4
1977	1979	258	13.0	240	12.1	233	11.8	228	11.5	224	11.3	222	11.2
1978	2101	286	13.6	260	12.4	249	11.9	243	11.6	239	11.4	235	11.2
1979		Machine	failure	July &	August								
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-30
LOCATION I-90 - 0.9 Mile West of Superior Interchange

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 19.7 % Foreign Pass Cars 25.7 % Pickups 25.1 % Commercial 29.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1721	1961	2330	2379	2375	2492	2146	2203	2296	95.95	63.96
February	2106	2367	5585	2655	2759	2705	2294	2496	2614	95.49	72.47
March	2832	2751	3030	3235	3160	3428	3013	3077	3137	98.09	89.34
April	3058	3129	3301	3422	3450	3756	3064	3297	3398	97.03	95.73
May	2861	3440	3553	3640	3754	4081	3190	3517	3688	95.36	102.11
June	3316	4166	4098	4223	4280	4768	3671	4084	4329	94.34	118.57
July	4073	4506	4566	4691	4818	4984	4319	4555	4708	96.75	132.25
August	4392	4802	4911	4771	4885	5423	4541	4838	4967	97.40	140.47
September	3688	4193	4181	4047	4139	4244	3873	4034	4161	96.95	117.12
October	3024	3103	3219	3359	3518	3523	3098	3263	3344	97.58	94.74
* November	4074	3077	3395	4033	2858	2751	2393	3226	3223	100.09	93.66
December	2240	2210	2568	3068	3227	3315	2800	2741	2846	96.31	79.58
Daily average for year	3115	3309	3728	3627	3602	3789	3200	3444	3559	96.77	

* Out of Service for 18 Days

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-30

Route I-90 West of Superior

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961		UNDER	CONSTRUCTION										
1971	2346	375	16.0	334	14.2	324	13.8	320	13.6	313	13.3	311	13.3
1972	2754	470	17.1	394	14.3	374	13.6	366	13.3	359	13.0	355	12.9
1973	2962	486	16.4	407	13.7	389	13.1	379	12.8	373	12.6	366	12.4
1974	3126	514	16.4	469	15.0	460	14.7	449	14.4	439	14.4	434	13.9
1975	3069	486	15.8	411	13.4	398	13.0	392	12.8	386	12.6	380	12.4
1976	3471	523	15.1	464	13.4	449	12.9	440	12.7	434	12.5	429	12.4
1977	3467	529	15.3	461	13.3	443	12.8	439	12.7	435	12.5	432	12.5
1978	3704	630	17.0	515	13.9	487	13.1	481	13.0	476	12.9	465	12.6
1979	3444	431	12.5	394	11.4	380	11.0	370	10.7	364	10.6	358	10.4
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-31
LOCATION I-94 - 7.8 Miles West of Miles City

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 38.2 % Foreign Pass Cars 14.0 % Pickups 26.2 % Commercial 21.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1586	1619	1953	1890	1798	2001	1789	1807	1848	97.78	63.46
February	1947	1934	1821	1788	1968	1942	1943	1906	1890	100.85	66.93
March	2443	2191	2275	2341	2311	2616	2463	2385	2357	101.19	83.76
April	2522	2659	2555	2493	2505	3062	2515	2614	2655	98.46	91.80
May	2811	2814	2759	2801	2825	3481	2882	2899	2918	99.35	101.81
June	3390	3452	3523	3663	3561	3953	3302	3554	3646	97.48	124.81
July	3694	3861	4018	3554	3844	4312	3773	3864	3920	98.57	135.69
August	3739	3881	3704	3833	3968	4461	3667	3912	3985	98.17	137.38
September	3207	3540	3292	3253	3402	3846	3445	3420	3466	98.67	120.10
October	2849	2881	2766	2909	3130	3512	2820	2968	3015	98.44	104.23
November	2571	2374	2421	2758	2444	2756	2449	2543	2555	99.53	89.30
December	2051	1921	2050	2496	2477	2724	2484	2299	2314	99.35	80.73
Daily average for year	2734	3011	2761	2815	2853	3222	2794	2848	2881	98.85	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

tation A-31

Route I-94 West of Miles City

Traffic Type Interstate - Foreign and Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	2065	302	14.6	271	13.1	260	12.6	251	12.2	247	12.0	246	11.9
1972	2324	317	13.6	291	12.5	283	12.2	277	11.9	274	11.8	270	11.6
1973		COUNTER	REMOVED	DUE	TO	CONSTRUCTION							
1974		"	"	"	"	"							
1975		"	"	"	"	"							
1976	2637	375	14.2	334	12.7	323	12.2	317	12.0	313	11.9	309	11.7
1977	2640	392	14.8	345	13.1	331	12.5	321	12.2	315	11.9	308	11.7
1978	2693	474	17.6	366	13.6	340	12.6	332	12.3	327	12.1	321	11.9
1979	2848	399	14.0	357	12.5	344	12.1	334	11.7	327	11.5	321	11.3
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-32

LOCATION On 25th Street North between 4th and 5th Ave. in Great Falls

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2032	2741	3196	3159	3306	3481	3173	3028	3176	95.34	81.67
February	2400	3462	3775	3413	3459	4321	3414	3447	3663	94.10	92.97
March	2741	3908	3911	3896	3890	4159	3635	3750	3959	94.72	101.14
April	2906	4060	3940	4085	4376	4467	4016	3946	4180	94.40	106.43
May	2962	4037	4367	4547	4651	4724	4005	4217	4473	94.28	113.74
June	3139	4305	4275	4480	4446	4813	3859	4198	4480	93.71	113.22
July	3015	4247	4285	4016	4326	4498	3746	4002	4273	93.66	107.94
August	2781	4014	4026	4235	4217	4310	3590	3918	4173	93.89	105.67
September	2648	3571	4017	3975	4110	4273	3559	3694	3989	92.61	99.63
October	2539	3749	3800	3790	3947	4082	3468	3640	3861	94.28	98.18
November	2222	3379	3333	3441	3326	3691	3127	3236	3441	93.75	87.28
December	2514	3706	3261	3632	3786	3981	3233	3416	3675	92.95	92.13
Daily average for year	2658	3765	3849	3889	3987	4233	3569	3708	4195	88.39	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-32

Route 25th Street North in Great Falls

Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3318	512	15.4	472	14.2	439	13.2	413	12.4	386	11.6	367	11.1
1972	3219	572	17.8	372	11.6	351	10.9	345	10.7	342	10.6	338	10.5
1973	3273	480	14.7	366	11.2	351	10.7	345	10.5	340	10.4	336	10.3
1974	3212	355	11.1	341	10.6	333	10.4	327	10.2	319	9.9	317	9.9
1975	3360	388	11.5	375	11.2	362	10.8	353	10.5	351	10.4	347	10.3
1976	3605	430	11.9	397	11.0	389	10.8	383	10.6	376	10.4	369	10.2
1977	3728	451	12.1	410	11.0	399	10.7	393	10.5	389	10.4	385	10.3
1978	3669	444	12.1	417	11.4	408	11.1	402	11.0	397	10.8	392	10.7
1979	3708	771	20.8	418	11.3	409	11.0	400	10.8	393	10.6	388	10.5
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-33

LOCATION On 10th Ave. South between 9th and 10th St. in Great Falls

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	17422	23607	25460	25467	25950	28376	25051	24512	25651	95.56	85.69
February	20536	26174	26069	24393	25563	28931	26320	25427	26226	96.95	88.89
March	22229	27903	27207	28146	28654	32110	29511	28171	28947	97.32	98.48
April	23279	29410	28167	29291	30986	33985	31098	29252	30322	96.47	102.26
May	22852	27740	29931	30316	31017	34394	30072	29566	30646	96.48	103.36
June	24096	32069	31379	31852	32717	35471	30213	31229	32830	95.12	109.17
July	24471	32404	31871	29010	31949	34392	29517	30426	31945	95.25	106.36
August	24087	31796	31319	32162	32892	35339	30648	31399	32801	95.73	109.76
September	21739	27725	30021	30045	30606	34141	29395	28861	30508	94.60	100.89
October	21923	29177	28744	29502	30353	33834	30023	29085	30168	96.41	101.68
November	20975	28227	27550	29092	26944	32379	28356	27781	28913	96.08	97.12
December	21168	28639	24984	29178	29582	32776	27842	27559	29013	94.99	96.34
Daily average for year	22065	28739	28559	29038	29767	33011	29004	28606	29831	95.89	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-33

Route 10th Avenue South in Great Falls

Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	24183	2563	10.6	2383	9.9	2324	9.6	2292	9.5	2253	9.3	2237	9.3
1972	24984	2552	10.2	2478	9.9	2449	9.8	2418	9.7	2396	9.6	2371	9.5
1973	24952	2745	11.0	2443	9.8	2395	9.6	2379	9.5	2351	9.4	2323	9.3
1974	24681	2589	10.5	2439	9.9	2388	9.7	2334	9.5	2310	9.4	2281	9.2
1975	24609	2471	10.0	2336	9.5	2308	9.4	2280	9.3	2264	9.2	2253	9.2
1976	27306	3000	11.0	2677	9.8	2620	9.6	2584	9.5	2567	9.4	2543	9.3
1977	28924	2780	9.6	2712	9.4	2685	9.3	2655	9.2	2626	9.1	2602	9.0
1978	28532	2973	10.4	2722	9.5	2669	9.4	2627	9.2	2606	9.1	2601	9.1
1979	28606	2756	9.6	2654	9.3	2608	9.1	2574	9.0	2556	8.9	2540	8.8
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-34 YEAR 1979

LOCATION US 12 - 0.6 miles West of Ingomar

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 24.1 % Foreign Pass Cars 2.5 % Pickups 51.1 % Commercial 22.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Mondoy thru Friday		
January	144	167	204	179	183	192	165	177	185	95.68	58.77
February	179	207	186	157	177	220	161	184	189	97.35	61.10
March	214	195	211	194	211	241	208	211	212	99.53	70.06
April	301	323	288	253	277	355	228	291	300	97.00	96.63
May	334	349	279	286	325	402	293	321	324	99.07	106.59
June	380	332	315	329	298	374	293	332	332	100.00	110.24
July	370	369	342	339	360	382	302	353	358	98.60	117.21
August	464	412	353	356	396	424	357	394	389	101.29	130.82
September	360	414	365	394	387	422	341	381	396	96.21	126.51
October	441	406	349	347	400	483	388	399	393	101.53	132.48
November	324	322	282	328	327	329	315	319	318	100.31	105.92
December	225	228	238	274	266	296	248	252	259	97.30	83.67
Daily average for year	311	310	284	286	301	343	275	301	305	98.69	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-34

Route U.S. 12 West of Ingomar

Traffic Type Primary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	263	57	21.7	47	17.9	45	17.1	42	16.0	40	15.2	39	14.8
1972	267	76	28.5	55	20.6	52	19.5	48	18.0	46	17.2	44	16.5
1973	254	59	23.2	46	18.1	41	16.1	38	15.0	37	14.6	37	14.6
1974	276	71	25.7	53	19.2	47	17.0	44	15.9	43	15.6	41	14.9
1975	272	89	32.7	49	18.0	45	16.5	43	15.8	42	15.4	41	15.1
1976	301	139	46.2	63	20.9	56	18.6	50	16.6	47	15.6	45	15.0
1977	310	68	21.9	54	17.4	51	16.5	49	15.8	47	15.2	45	14.5
1978	305	63	20.7	56	18.4	51	16.7	50	16.4	48	15.7	47	15.4
1979	301	79	26.2	54	17.9	51	16.9	49	16.3	47	15.6	45	15.0
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-35

LOCATION FAS 210 - near Turah

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 53.5 % Foreign Pass Cars 0.6 % Pickups 35.2 % Commercial 10.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	353	397	435	439	436	442	407	416	429	96.97	75.37
February	409	439	443	463	428	491	466	448	453	98.90	81.17
March	490	516	535	512	508	589	553	531	534	99.44	96.21
April	530	571	589	587	564	632	615	581	587	98.98	105.27
May	538	548	610	618	621	675	605	603	614	98.21	109.26
June	534	624	631	665	669	698	573	629	659	95.45	113.97
July	488	562	576	515	557	597	512	544	562	96.80	98.57
August	543	569	586	576	612	615	554	581	593	97.98	105.26
September	493	566	568	575	563	607	560	559	576	97.05	101.28
October	501	585	624	616	601	644	589	595	613	97.06	107.81
November	486	593	619	630	577	655	558	590	615	95.93	106.90
December	458	577	511	566	566	611	547	546	567	96.30	98.93
Daily average for year	485	546	561	564	559	605	545	552	567	97.35	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-35

Route FAS 210 - Turah

Traffic Type Secondary Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	328	52	15.9	44	13.4	42	12.8	41	12.5	40	12.2	39	11.9
1972	423	106	25.1	64	15.1	61	14.4	56	13.2	55	13.0	54	12.8
1973			MACHINE FAILURE										
1974	571	105	18.4	78	13.7	71	12.4	68	11.9	66	11.6	65	11.4
1975	599	96	16.0	77	12.9	73	12.2	69	11.5	67	11.2	66	11.0
1976	556	79	14.2	67	12.1	64	11.5	63	11.3	62	11.2	60	10.8
1977	548	80	14.6	66	12.0	60	10.9	57	10.4	57	10.4	56	10.2
1978	538	77	14.3	65	12.1	62	11.5	61	11.3	60	11.2	58	10.8
1979	552	116	21.0	74	13.4	70	12.7	67	12.1	65	11.8	64	11.6
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-36

LOCATION US 2 - 0.5 miles West of Browning

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 36.9 % Foreign Pass Cars 13.4 % Pickups 41.9 % Commercial 7.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	662	696	682	725	798	810	762	730	737	99.05	48.60
February	886	737	717	509	654	697	536	685	674	101.63	45.60
March	975	826	775	838	872	1070	998	914	885	103.28	60.84
April	1334	1216	1066	1141	1233	1558	1379	1293	1267	102.05	86.07
May	1831	1790	1440	1447	1474	1906	1744	1642	1591	103.21	109.30
June	2295	1851	1817	1739	1814	2399	2191	2034	1946	104.52	135.40
July	2695	2315	2157	2065	2227	2699	2476	2377	2287	103.94	158.23
August	2830	2741	1963	2007	2092	2595	2906	2394	2229	107.40	159.36
September	2447	2301	1895	1652	1668	2344	2180	2086	1972	105.78	138.86
October	1651	1467	1374	1495	1692	1820	1622	1575	1553	101.42	104.84
November	1186	1121	1146	1302	1248	1460	1293	1258	1265	99.45	83.74
December	974	962	898	1086	1089	1134	1137	1039	1030	100.87	69.16
Daily average for year	1581	1502	1328	1334	1405	1708	1602	1502	1453	103.37	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-36

Route U.S. 2 West of Browning

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1152	386	33.5	279	24.2	236	20.5	220	19.1	211	18.3	203	17.6
1972	1278	288	22.5	252	19.7	243	19.0	233	18.2	226	17.7	222	17.4
1973	1475	692	47.0	390	26.4	331	22.4	320	21.7	301	20.4	293	20.0
1974	1208	307	25.4	278	23.0	253	20.9	234	19.4	224	18.5	212	17.5
1975	1164	321	17.6	242	20.8	223	19.2	211	18.1	204	17.5	198	17.0
1976	1374	297	21.6	270	19.7	253	18.4	239	17.4	231	16.8	223	16.2
1977	1490	312	20.9	276	18.5	256	17.2	246	16.5	238	16.0	234	15.7
1978	1403	312	22.2	276	19.7	246	17.5	239	17.0	234	16.7	228	16.3
1979	1502	670	44.6	319	21.2	271	18.0	246	16.4	236	15.7	231	15.4
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-37

LOCATION South of Orange Street bridge in Missoula

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	10263	16041	18124	18107	18156	19657	14468	16501	17939	91.98	90.12
February	11085	18953	19050	19107	18721	20899	14805	17517	19346	90.55	95.66
March	12087	20968	20194	20058	20548	22623	16718	19118	20943	91.29	104.41
April	12731	21812	20939	21367	21658	23542	17532	19762	21861	90.40	107.92
May	13398	19896	22248	22321	22753	24463	18071	20643	22350	92.36	112.73
June	12642	22114	20967	21069	21528	23618	16633	19818	21943	90.32	108.23
July	11927	21177	20512	17963	20418	22214	15323	18444	20492	90.01	100.72
August	12289	21422	20984	21403	21129	22791	16091	19670	21576	91.17	107.42
September	11505	17798	19978	19762	20419	22143	15805	17898	20020	89.40	97.74
October	11112	19137	18899	19291	19489	21867	16099	18093	19654	92.06	98.81
November	10177	18055	18406	18647	16630	19624	13789	16586	18259	90.84	90.58
December	10039	17067	15003	16985	17900	19914	14300	15685	17359	90.36	85.66
Daily average for year	11605	19537	19609	19673	19946	21946	15803	18311	20145	90.90	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-37

Route Orange Street Bridge - Missoula

Traffic Type Urban & City Street

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	13679	1747	12.8	1678	12.3	1605	11.7	1570	11.5	1541	11.3	1522	11.1
1972	14884	1893	12.7	1737	11.7	1706	11.4	1663	11.2	1634	11.0	1619	10.9
1973	15380	1831	11.9	1752	11.4	1694	11.0	1672	10.9	1653	10.7	1640	10.7
1974	15517	1874	12.1	1734	11.2	1672	10.8	1652	10.6	1631	10.5	1611	10.4
1975	16209	1969	12.1	1897	11.7	1853	11.4	1810	11.2	1785	11.0	1778	11.0
1976	17350	1087	12.0	1998	11.5	1940	11.2	1906	11.0	1886	10.9	1865	10.8
1977	17900	2115	11.8	2048	11.4	2027	11.3	1999	11.2	1976	11.0	1961	10.9
1978	18514	3281	17.7	2088	11.3	2031	11.0	2009	10.9	1977	10.7	1962	10.6
1979	18311	3115	17.0	2008	11.0	1968	10.7	1938	10.6	1917	10.5	1891	10.3
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-38
LOCATION Montana 200 - 1.0 miles West of Jordan

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 36.3 % Foreign Pass Cars 5.0 % Pickups 41.7% Commercial 17.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	151	164	204	218	196	238	170	192	203	94.58	52.71
February	191	223	211	155	132	184	174	181	181	100.00	49.69
March	268	264	245	263	248	300	227	259	265	97.74	71.11
April	326	330	373	347	361	465	281	353	373	94.64	96.91
May	334	403	376	374	418	485	399	397	408	97.30	108.99
June	464	481	429	460	486	543	475	479	483	99.17	131.50
July	462	520	467	442	495	575	459	488	499	97.80	133.97
August	477	495	457	457	503	614	465	498	508	98.03	136.72
September	403	445	411	405	451	495	402	428	411	97.05	117.50
October	462	421	373	434	456	544	473	448	441	101.59	122.99
November	362	359	334	365	364	388	329	358	363	98.62	98.29
December	259	282	265	311	315	345	266	290	303	95.71	79.62
Daily average for year	347	366	345	353	369	431	343	364	372	97.85	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-38

Route Montana 200 West of Jordan

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	331	73	22.1	59	17.8	56	16.9	54	16.3	53	16.0	52	15.7
1972	346	69	19.9	59	17.1	57	16.5	55	15.9	54	15.6	53	15.4
1973	371	82	22.1	68	18.3	60	16.2	57	15.4	55	14.8	53	14.3
1974	372	79	21.2	58	15.6	55	14.8	53	14.2	52	14.0	50	13.4
1975	363	79	21.8	60	16.5	57	15.7	55	15.2	53	14.6	52	14.3
1976	397	89	22.4	64	16.1	61	15.4	60	15.1	58	14.6	57	14.4
1977	412	104	25.2	67	16.3	63	15.3	61	14.8	59	14.3	58	14.1
1978	394	99	25.1	70	17.8	65	16.5	62	15.7	61	15.5	60	15.2
1979	364	68	18.7	62	17.0	58	15.9	54	14.8	52	14.3	51	14.0
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-39

LOCATION US 89 - 0.5 miles North of Dupuyer

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cors 27.0 % Foreign Pass Cors 21.9 % Pickups 39.1 % Commercial 12.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	144	134	147	149	178	167	189	157	153	102.61	31.30
February	144	153	151	141	194	189	101	153	165	92.73	30.50
March	288	227	220	211	201	233	289	238	218	109.17	47.43
April	431	492	334	337	364	441	486	418	402	103.98	83.31
May	464	389	328	321	333	408	441	383	355	107.89	76.33
June	737	648	566	630	653	784	807	692	656	105.49	137.92
July	924	943	926	925	940	998	1011	952	947	100.53	189.74
August	1018	922	1313	1365	1204	1246	1008	1170	1225	95.51	233.18
September	718	705	601	646	585	696	791	683	647	105.56	136.12
October	548	479	438	449	492	534	569	497	475	104.63	99.05
November	433	383	327	371	370	471	446	398	383	103.92	79.32
December	245	277	248	290	297	312	294	280	285	98.25	55.80
Daily average for year	508	479	467	486	484	540	536	502	493	101.83	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-39

Route U.S. 89 North of Dupuyer

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	507	146	28.8	132	26.0	126	24.9	122	24.1	120	23.7	118	23.3
1972	511	163	31.9	134	26.2	129	25.2	126	24.7	123	24.1	121	23.7
1973	500	131	26.2	117	23.4	112	22.4	107	21.4	106	21.2	104	20.8
1974	467	179	38.3	129	27.6	109	23.3	105	22.5	101	21.6	98	21.0
1975	477	126	26.4	115	24.1	112	23.5	109	22.9	106	22.2	104	21.8
1976	529	147	27.8	130	24.6	123	23.3	120	22.7	118	22.3	116	21.9
1977	542	144	26.6	121	22.3	116	21.4	110	20.3	108	19.9	105	19.4
1978	520	164	31.5	123	23.7	117	22.5	115	22.1	112	21.5	111	21.3
1979	502	163	32.5	144	28.7	125	24.9	114	22.7	107	21.3	101	20.1
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-40

LOCATION Wolf Creek - Frontage Road

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	47	24	42	30	21	23	36	29	27	107.41	
February	150	66	74	40	32	54	105	76	54	140.74	
March	196	49	62	73	62	77	150	96	65	147.69	
April	187	80	79	70	50	133	230	119	82	145.12	
May	371	250	129	137	123	185	333	210	160	131.25	
June	397	178	183	147	169	211	354	237	179	132.40	
July	402	212	208	273	239	274	381	283	238	118.91	
August	390	155	159	183	195	204	330	227	181	125.41	
September				Machine	Malfunction						
October	229	106	115	124	132	170	213	153	129	118.61	
November	155	83	82	77	86	108	133	103	88	117.05	
* December	85	50	57	59	65	52	60	61	56	108.93	
Daily average for year											

* out of service for 16 days

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-40

Route Wolf Creek - Frontage Road

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	137	55	40.1	41	29.9	39	28.5	36	26.3	35	25.5	32	23.4
1972	108	53	49.1	40	37.0	35	32.4	30	27.8	27	25.0	24	22.2
1973	145	67	46.2	55	37.9	50	34.5	45	31.0	43	30.0	41	28.3
1974	154	71	46.1	57	37.0	48	31.2	46	29.9	44	28.6	41	26.6
1975	136	69	50.7	56	41.2	49	36.0	46	33.8	44	32.4	41	30.1
1976	137	85	62.0	54	39.4	49	35.8	46	33.6	43	31.4	42	30.7
1977	159	70	44.0	57	35.8	53	33.3	50	31.4	49	30.8	48	30.2
1978	156	79	50.6	66	42.3	58	37.2	54	34.6	52	33.3	49	31.4
1979		Machine failure in September											
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-41

LOCATION I 90 East of Livingston

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 30.3 % Foreign Pass Cars 19.8 % Pickups 21.9 % Commercial 28.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2246	2377	2606	2614	2477	2654	2467	2500	2546	98.19	61.46
February	3435	2921	2641	2473	2891	3513	2918	2970	2888	102.84	73.01
March	4100	3369	3343	3533	3368	4068	3675	3647	3558	102.50	89.66
April	4318	3323	3314	3545	3739	4727	4050	3853	3704	104.02	94.72
May	4367	4119	3666	3813	4182	5212	4451	4215	4148	101.62	103.62
June	5141	4626	4302	4804	4773	5647	5043	4943	4881	101.27	121.52
July	5434	4917	5047	4928	5172	5923	5188	5220	5178	100.81	128.33
August	6033	5169	5106	5249	5286	6255	5553	5529	5437	101.69	135.93
September	4806	4570	4655	4483	4317	5428	4718	4711	4691	100.42	115.82
October	4641	3943	3803	3928	4275	5447	4489	4315	4229	102.03	106.08
November	4328	3175	3443	3803	3428	4068	3900	3736	3598	103.84	91.84
December	2985	2756	2624	3243	3309	3888	3482	3173	3145	100.89	78.01
Daily average for year	4320	3772	3713	3868	3935	4736	4161	4068	4000	101.70	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-41

Route I-90 & U.S. 10 East of Livingston

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3030	562	18.5	437	14.4	407	13.4	397	13.1	393	13.0	385	12.7
1972	3296	539	16.4	467	14.2	454	13.8	441	13.4	432	13.1	421	12.8
1973	3518	524	14.9	483	13.7	468	13.3	455	12.9	445	12.6	438	12.5
1974	3519	564	16.0	495	14.1	468	13.3	459	13.0	448	12.7	436	12.4
1975	3645	588	16.1	491	13.5	473	13.0	460	12.6	453	12.4	449	12.3
1976	3940	620	15.7	573	14.5	520	13.2	506	12.8	498	12.6	491	12.5
1977	4055	645	15.9	558	13.7	536	13.2	526	13.0	521	12.8	512	12.6
1978	4296	684	15.9	602	14.0	568	13.2	550	12.8	542	12.6	536	12.5
1979	4068	634	15.6	530	13.0	484	11.9	467	11.5	460	11.3	454	11.2
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-42 YEAR 1979

LOCATION 26th Street North in Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1886	2517	2713	2677	2794	2885	2581	2584	2707	95.46	86.22
February	1800	2434	2504	2401	2799	2950	2524	2487	2617	95.03	82.98
March	2027	2593	2617	2606	2852	3132	2807	2688	2781	96.66	89.69
April	2505	3296	3215	3300	3544	2665	3437	3255	3399	95.76	108.60
May	2558	3494	3519	3616	3707	3860	3428	3478	3647	95.37	116.04
June	2721	3491	3516	3707	3662	3940	3249	3496	3703	94.41	116.64
July	2526	3523	3541	3339	3522	3670	3158	3313	3520	94.12	110.54
August	2389	3288	3297	3356	3285	3354	3048	3163	3318	95.33	105.53
September	2187	2971	3263	3240	3327	3452	2998	3031	3251	93.23	101.13
October	2122	3136	3015	3036	3088	3223	2871	2940	3095	94.99	98.09
November	1962	2901	2926	3006	2721	3068	2702	2764	2922	94.59	92.22
December	2109	2552	2896	2885	2911	3099	2918	2767	2869	96.44	92.32
Daily average for year	2233	3016	3085	3097	3184	3358	2977	2997	3152	95.08	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-42

Route 26th Street North - Great Falls

Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	2424	433	17.9	299	12.3	282	11.6	276	11.4	270	11.1	267	11.0
1973	2439	379	15.5	291	11.9	278	11.4	272	11.2	269	11.0	266	10.9
1974	2338	316	13.5	283	12.1	273	11.7	267	11.4	264	11.3	261	11.2
1975	2706	425	15.7	307	11.3	300	11.1	295	10.9	293	10.8	289	10.7
1976	2932	360	12.3	324	11.1	317	10.8	311	10.6	309	10.5	307	10.5
1977	3037	370	12.2	335	11.0	330	10.9	324	10.7	321	10.6	318	10.5
1978	2850	367	12.9	335	11.8	326	11.4	318	11.2	314	11.0	310	10.9
1979	2997	389	13.0	350	11.7	341	11.4	333	11.1	328	10.9	326	10.8
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-43 YEAR 1979

LOCATION US 191 - Big Sky

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cors 35.8 % Foreign Pass Cors 19.5 % Pickups 28.1% Commercial 16.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1080	880	831	760	858	973	1148	922	856	107.71	69.80
February	1542	1077	807	792	781	1125	1262	1055	916	115.17	79.86
March	1524	961	939	1012	972	1211	1403	1151	1026	112.18	87.13
April	1107	853	810	814	894	1003	1060	937	874	107.21	70.93
May	1178	1103	968	992	1042	1190	1320	1102	1051	104.85	83.42
June	1590	1565	1518	1616	1580	1758	1626	1613	1615	99.88	122.10
July	2024	1897	2002	1962	2013	2259	2024	2021	2020	100.05	152.99
August	2071	2029	2010	2029	2008	2290	2084	2078	2078	100.00	157.31
September	1566	1665	1439	1508	1484	1794	1654	1587	1578	100.06	120.14
October	1229	1231	1196	1228	1205	1440	1336	1262	1255	100.56	95.52
November	1008	894	960	1056	941	1188	1073	1014	1005	100.90	76.76
December	1263	1051	724	975	1106	1237	1335	1110	1020	108.82	84.03
Daily average for year	1432	1267	1184	1229	1240	1456	1444	1321	1275	103.61	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-43

Route U.S. 191 - 35.0 Miles South of Bozeman

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	1240	220	17.7	201	16.2	192	15.5	188	15.2	184	14.8	180	14.5
1973	1262	259	20.5	228	18.1	210	16.6	206	16.3	201	15.9	197	15.6
1974	1217	239	19.6	213	17.5	206	16.9	199	16.4	193	15.9	187	15.4
1975	1178	256	21.7	217	18.4	207	17.6	194	16.5	186	15.8	177	15.0
1976	1309	284	21.7	249	19.0	233	17.8	219	16.7	212	16.2	202	15.4
1977	1352	267	19.7	233	17.2	219	16.2	213	15.8	210	15.5	205	15.2
1978	1418	274	19.3	243	17.1	229	16.1	219	15.4	214	15.1	211	14.9
1979	1321	268	20.3	208	15.7	198	15.0	191	14.5	189	14.3	183	13.9
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-44

LOCATION Big Mountain

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1508	988	1086	1207	1368	1205	1626	1266	1161	109.04	171.72
February	2239	1294	1309	1277	1336	1637	2449	1648	1370	120.29	223.53
March	2006	979	1153	1243	1274	1410	2142	1472	1223	120.36	199.66
April	1029	469	501	536	562	849	1052	716	578	123.88	97.11
May	190	180	177	178	169	177	313	195	176	110.80	26.45
June	308	248	267	361	365	328	337	317	314	100.96	43.00
July	485	397	430	383	392	412	416	418	404	103.47	56.70
August	622	448	462	481	488	467	553	501	471	106.37	67.96
September	363	290	248	266	276	238	310	288	264	109.09	39.06
October	308	244	259	242	242	281	283	264	253	104.35	35.81
November	232	261	280	265	245	251	259	255	259	98.46	34.59
December	1882	1552	906	1153	1416	1747	1731	1507	1364	110.48	204.41
Daily average for year	931	613	590	633	678	750	956	737	653	112.86	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-44

Route Big Mountain

Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974	575	478	83.1	371	64.5	282	49.0	254	44.1	222	38.6	194	33.7
1975	598	629	105.2	422	70.6	377	63.0	319	53.3	292	48.8	266	44.5
1976	690	598	98.2	526	86.4	446	73.2	399	65.5	359	58.9	329	54.0
1977	820	451	55.0	390	47.6	344	42.0	315	38.4	282	34.4	266	32.4
1978	786	633	80.5	478	60.8	416	52.9	367	46.7	341	43.4	319	40.6
1979	737	836	113.4	510	69.2	446	60.5	371	50.3	338	45.9	313	42.5
1980													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-45
LOCATION Hungry Horse Dam

YEAR 1979

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	52	21	20	25	33	23	38	29	24	120.83	9.36
February	70	45	43	59	49	35	62	52	46	113.04	16.79
March	233	61	90	127	89	83	134	115	90	127.78	37.12
April	201	71	50	55	99	96	167	108	74	145.95	34.87
May	468	311	156	161	156	190	290	239	190	125.79	77.16
June	660	419	430	424	420	406	586	479	419	114.32	154.64
July	1004	665	704	740	705	695	914	777	700	111.00	250.85
August	954	752	764	746	770	725	871	792	751	105.46	255.69
September	667	570	433	444	454	413	533	508	463	109.72	164.00
October	477	319	286	278	320	314	422	340	302	112.58	109.77
November	203	202	191	188	178	210	210	197	194	101.55	63.60
December	113	68	100	67	64	68	86	81	73	110.96	26.15
Daily average for year	425	292	272	276	278	272	359	310	277	111.91	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-45

Route Hungry Horse Dam

Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976	434	210	48.4	145	33.4	138	31.8	131	30.2	124	28.6	119	27.4
1977	360	192	53.3	159	44.2	137	38.1	130	36.1	123	34.2	117	32.5
1978	342	203	59.4	154	45.0	137	40.1	127	37.1	121	35.4	117	34.2
1979	310	142	45.8	123	39.7	111	35.8	105	33.9	100	32.2	97	31.3
1980													